

2013 ENGINE

Maintenance and Lubrication - Malibu

SPECIFICATIONS

APPROXIMATE FLUID CAPACITIES

The following approximate capacities are given in US English and metric conversions. See **Fluid and Lubricant Recommendations** for more information. All capacities are approximate. When adding, be sure to fill to the approximate level, as recommended in this manual. Recheck fluid level after filling.

Application	Capacities	
	Metric	US English
Air Conditioning Refrigerant	For the air conditioning system refrigerant type and charge amount, see the refrigerant label under the hood. For additional information refer to <u>Refrigerant System Specifications</u> .	
Engine Cooling System		
• 2.0L L4 Engine	7.4 L	7.8 qt
• 2.4L L4 Engine	9.6 L	10.1 qt
• 2.5L L4 Engine	7.4 L	7.8 qt
Engine Oil with Filter		
• 2.0L L4 Engine AWD	5.7 L	6.0 qt
• 2.0L L4 Engine FWD	4.7 L	5.0 qt
• 2.4L L4 Engine	4.7 L	5.0 qt
• 2.5L L4 Engine	4.7 L	5.0 qt
Fuel Tank		
• Base model	59.7 L	15.8 gal
• LT or LTZ model with eAssist	59.7 L	15.8 gal
• LT or LTZ model without eAssist	70.0 L	18.5 gal
Transmission		
Automatic Transmission Fluid- 6T30/6T40/6T45/6T50	4.0 - 6.0 liters	4.2 - 6.3 quarts

FLUID AND LUBRICANT RECOMMENDATIONS

Fluid and Lubricant Recommendations

Usage	Fluid/Lubricant
Engine Oil	Use only engine oil licensed to the dexos™ 1 specification, or equivalent, of the proper SAE viscosity grade. ACDelco dexos™ 1 Synthetic Blend is

	recommended.
Engine Coolant	50/50 mixture of clean, drinkable water and use only DEX-COOL Coolant.
Hydraulic Brake System	DOT 4 Hydraulic Brake Fluid GM P/N 88958860
Windshield Washer	Optikleen® Washer Solvent
Automatic Transmission	DEXRON®-VI Automatic Transmission Fluid
Manual Transmission	Refer to electronic parts catalog
Key Lock Cylinders	Multi-Purpose Lubricant, Superlube GM P/N 12346241
Hood Latch Assembly, Secondary Latch, Pivots, Spring Anchor, and Release Pawl	Lubriplate Lubricant Aerosol GM P/N 12346293 or lubricant meeting requirements of NLGI #2, Category LB or GC-LB
Hood and Door Hinges	Multi-Purpose Lubricant, Superlube GM P/N 12346241
Weather-strip Conditioning	Weather-strip Lubricant GM P/N 3634770 or Dielectric Silicone Grease GM P/N 12345579

MAINTENANCE ITEMS

Maintenance Items

Part	GM Part Number	ACDelco Part Number
Engine Air Cleaner/Filter	55560894	A3128C
Engine Oil Filter		
• 1.6L L4 Engine	93185674	-
• 2.0L and 2.4L L4 Engine	12605566	PF457G
Passenger Compartment Air Filter Element	13271191	CF176
Spark Plugs		
• 1.6L L4 Engine	55564763	-
• 2.0L and 2.4L L4 Engine	12620540	41-108
Wiper Blades		
• Driver Side - 65.0 cm (25.6 in)	25892079	-
• Passenger Side - 45.0 cm (17.7 in)	25892080	-

MAINTENANCE

MAINTENANCE SCHEDULE

The Maintenance Schedule information will only be found in the Owner's Manual.

Refer to the Maintenance Schedule subsection of the Owner's Manual, or you may be able to use the Search information function using the words Scheduled Maintenance.

GM OIL LIFE SYSTEM RESETTNG

When the system has calculated that oil life has been diminished, it will indicate that an oil change is necessary. A CHANGE ENGINE OIL SOON message will come on. Change the engine oil as soon as possible within the next 600 miles (1 000 km). It is possible that, if driving under the best conditions, the oil life system may not indicate that an oil change is necessary for over a year. However, the engine oil and filter must be changed at least once a year and at this time the system must be reset.

If the system is ever reset accidentally, change the engine oil at 3, 000 miles (5 000 km) since last oil change.

How to Reset the Engine Oil Life System

1. Turn the ignition key to ON/RUN, with the engine OFF.
2. Press and hold the Driver Information Center (DIC) and reset buttons, on the left side of the steering wheel, at the same time to enter the personalization menu. The OIL LIFE RESET message displays.
3. Press and hold the reset button until the DIC display shows ACKNOWLEDGED.
4. Turn the key to LOCK/OFF.

The system is reset when the CHANGE OIL SOON message is off.

If the CHANGE OIL SOON message comes back on when you start the vehicle, the Engine Oil Life System has not reset. Repeat the procedure.